

Title (en)

METHOD AND APPARATUS FOR ENCODING RATE DETERMINATION IN A COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER KODIERRATE EINES KOMMUNIKATIONSSYSTEMS

Title (fr)

PROCEDE ET APPAREIL DE DETERMINATION DE LA CADENCE DE CODAGE DANS UN SYSTEME DE COMMUNICATION

Publication

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Application

EP 99903364 A 19990126

Priority

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Abstract (en)

[origin: WO9938280A1] A method and apparatus for determining an encoding rate associated with a received signal (12), where the method includes the steps of demodulating in a demodulator (80) to produce a series of metrics (22) representing energies of a series of data symbols carried by received signal (12); decoding in a decoder (20) series of metrics (22) to produce a set of total metrics (TM) (90) corresponding to a set of possible encoding rates; normalizing in a TM normalizer (28) set of TM (90) to produce a corresponding set of normalized TM (23); and determining the encoding rate in a rate determination (24) based on set of normalized TM (23). The normalizing step in TM normalizer (28) includes multiplying a set of effective finger counts (19) by a constant (410) to generate a corresponding set of numbers (420); and subtracting numbers (420) from associatig TM (90) to produce normalized TM (23).

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H04L 1/00

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [X] EP 0817440 A2 19980107 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [X] EP 0763902 A1 19970319 - NOKIA MOBILE PHONES LTD [FI]
- See references of WO 9938280A1

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